

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jeffrey J. Spiegelman and Daniel Alvarez, Jr.  
Application No.: 10/565,396 Group: 3742  
Filed: April 13, 2006 (371(c)) Examiner: Unknown  
Confirmation No.: 2054  
For: METHOD FOR THE POINT OF USE PRODUCTION OF  
AMMONIA FROM WATER AND NITROGEN

CERTIFICATE OF MAILING OR TRANSMISSION	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:	
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Wendy Morrissey	
Typed or printed name of person signing certificate	

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or  
(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).
- ☐ under 37 CFR 1.97(c) together with either:  
☐ a Statement under 37 CFR 1.97(e), as checked below, or  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with:  
☐ a Statement under 37 CFR 1.97(e), as checked below, and  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)
- ☐ under 37 CFR 1.97(i):  
Applicant requests that the IDS and cited reference(s) be placed in the application file.  
(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

*Applies to original applications (other than design) filed on or after May 29, 2000*

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
- ☒ Enclosed herewith is form PTO-1449:
  - ☐ Copies of the cited references are enclosed.
    - ☐ Copies of issued U.S. patents and published U.S. applications are not required and are not being provided.
  - ☒ Copies of the cited references are enclosed except those entered in prior application, U.S. Application No. 10/626,266, to which priority under 35 U.S.C. 120 is claimed. The earlier application contains copies of the cited references.
  - ☐ The listed references were cited in the enclosed International Search Report in a counterpart foreign application.
  - ☒ The "concise explanation" requirement (non-English references) for references AO under 37 CFR 1.98(a)(3) is satisfied by:
    - ☐ the explanation provided on the attached sheet.
    - ☐ the explanation provided in the Specification.
    - ☐ submission of the enclosed International Search Report.
    - ☐ submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.
    - ☒ the English language abstract.

☐ Applicant requests that the following non-published pending applications be considered:  
(Affix a label or apply the stamp "Non-Published IDS Reference - Do Not Scan" to the front of each unpublished pending appl'n.)

Examiner's  
Initials

\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]  
\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]  
\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]

\_\_\_\_\_  
Examiner

\_\_\_\_\_  
Date

- ☐ A copy of each above-cited application, including the current claims, is enclosed, except any application filed on or after June 30, 2003, which has been scanned into the PTO's Image File Wrapper (IFW) system and is available to the examiner.
- ☐ A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

- ☐ A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.
- ☐ Please charge Deposit Account 08-0380 in the amount of \$[ ]. A copy of this Statement is enclosed.
- ☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Alice O. Carroll

Alice O. Carroll

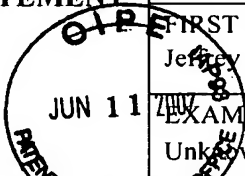
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Concord, MA 01742-9133

Dated: June 8, 2007

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 3194.1032-008		APPLICATION NO. 10/565,396	
<b>INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION</b>  June 5, 2007  (Use several sheets if necessary)				FIRST NAMED INVENTOR Jeffrey J. Spiegelman	
				FILING DATE 04/13/06 (371(c))	
		EXAMINER Unknown		CONFIRMATION NO. 2054	GROUP 3742

## U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
	AD	4,976,944	12/11/1990	Pacaud et al.
	AE	5,055,282	10-08-1991	Shikada et al.
	AF	5,607,572	03-04-1997	Joshi
	AG	5,496,778	03/05/1996	Hoffman et al.
	AH	5,632,964	05-27 -1997	Ishii et al.
	AI	5,660,809	08-26-1997	Costa, et al.
	AJ	5,679,313	10-21-1997	Nojima et al
	AK	5,716,588	01/10/1998	Vergani et al.
	AA2	5,833,738	11-10 -1998	Carrea et al.
	AB2	5,855,862	01-05-1999	Grenier et al.
	AC2	5,976,723	11-02-1999	Boffito et al
	AD2	6,241,955	06-05-2001	Alvarez, Jr. et al.
	AE2	6,331,281	12-18 -2001	Teru et al.
	AF2	6,524,544	02- 25-2003	Alvarez, Jr. et al.
	AI2	20020128148-A1	09-12-2002	Alvarez et al.
	AJ2	5,478,534	12-26-1995	Louise, et al.
	AK2	6,096,278	08-01-2000	Daniel
	AA3	6,572,836	06-03-2003	Schulz, et al.
	AB3	2005/0025692	02-03-2005	Becher, et al.
	AC3	7,011,799	03-14-2006	Vergani, et al.
	AD3	2002/0127165	09-12-2002	Kindig, et al.

EXAMINER	DATE CONSIDERED
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PTO-1449 REPRODUCED  <b>INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION</b>  June 5, 2007  (Use several sheets if necessary)	ATTORNEY DOCKET NO. 3194.1032-008		APPLICATION NO. 10/565,396	
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EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
	AE3	4,107,277	08-15-1978	da Rosa

EXAMINER	DATE CONSIDERED
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June 5, 2007

(Use several sheets if necessary)

FIRST NAMED INVENTOR  
Jeffrey J. Spiegelman

APPLICATION NO.  
10/565,396

FILING DATE  
04/13/06 (371(c))

EXAMINER  
Unknown

CONFIRMATION NO.  
2054

GROUP  
3742

	DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO
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EXAMINER

DATE CONSIDERED